

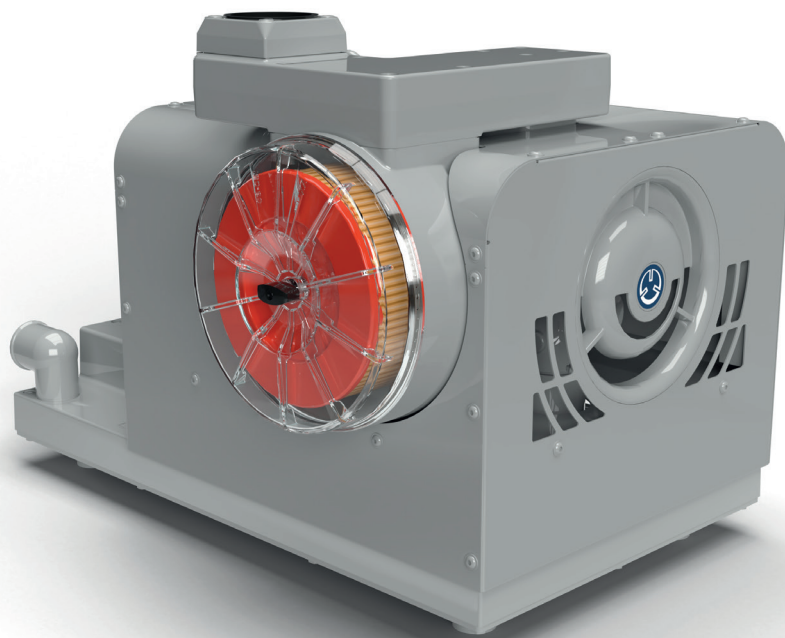
DATA SHEET

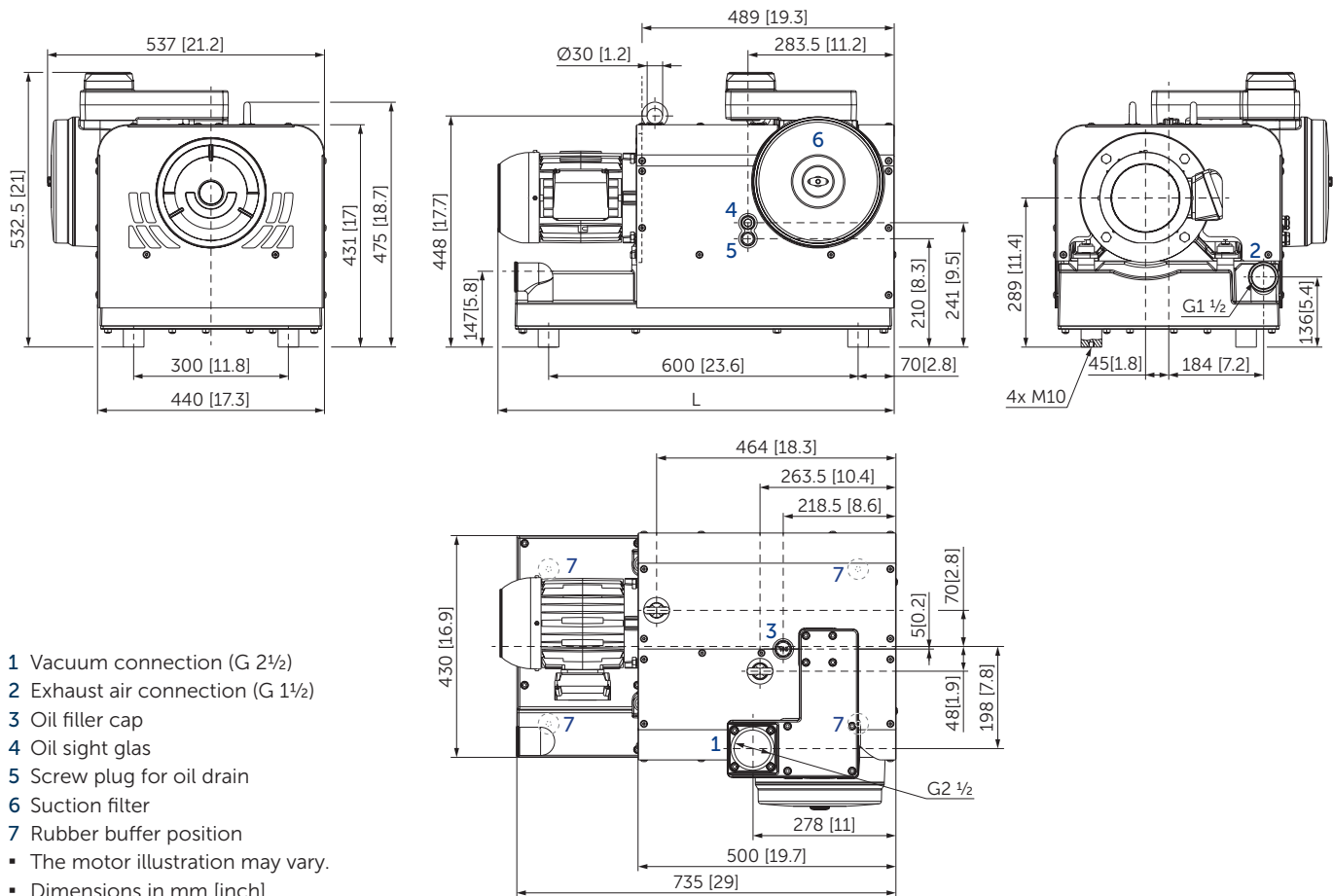
BCV 100

CLAW VACUUM PUMPS

dry and contact free compression
air-cooled

MAKE IT BECKER.



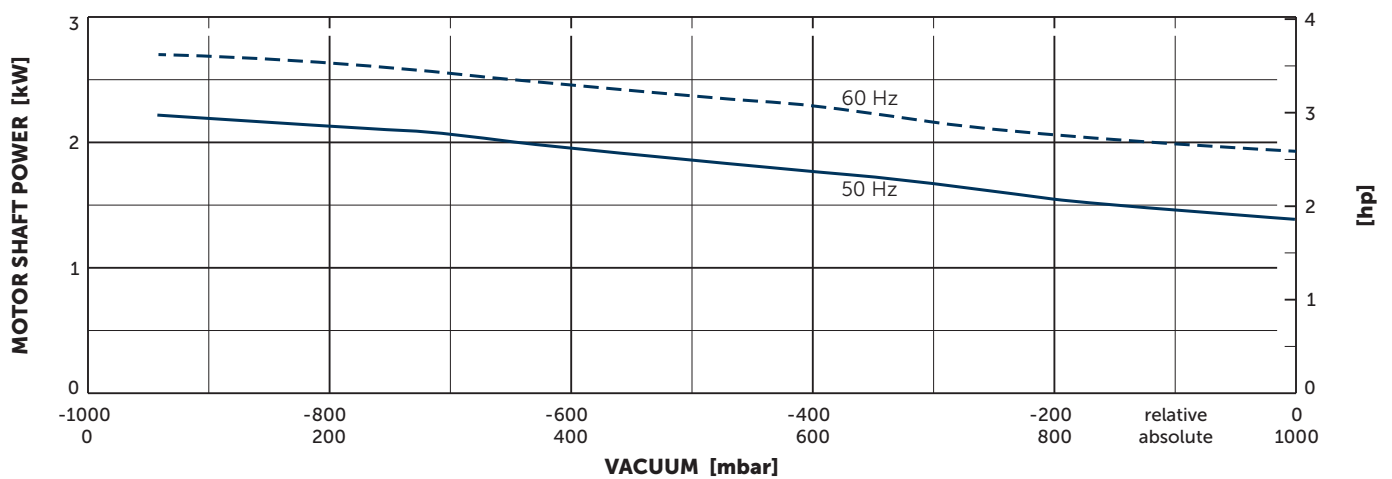
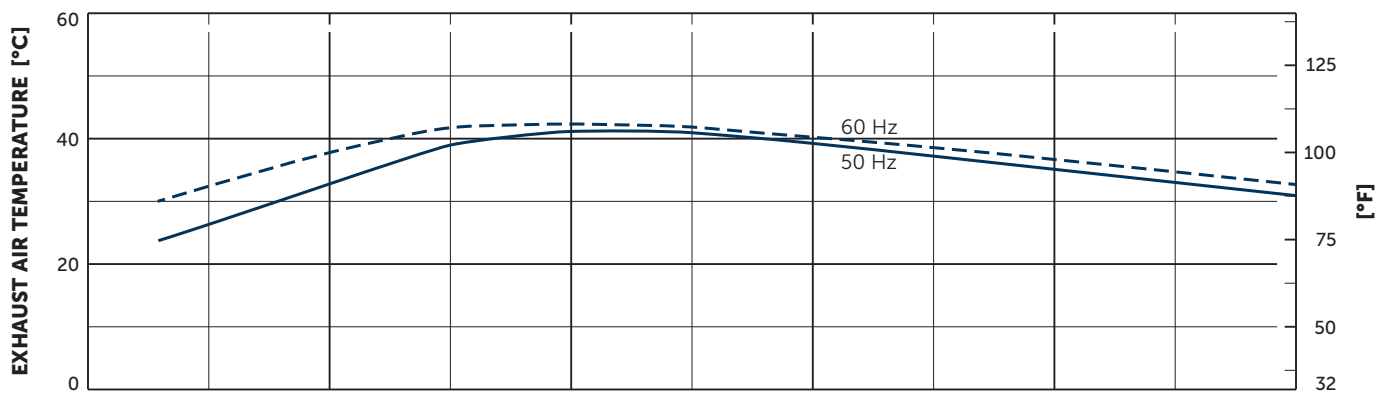
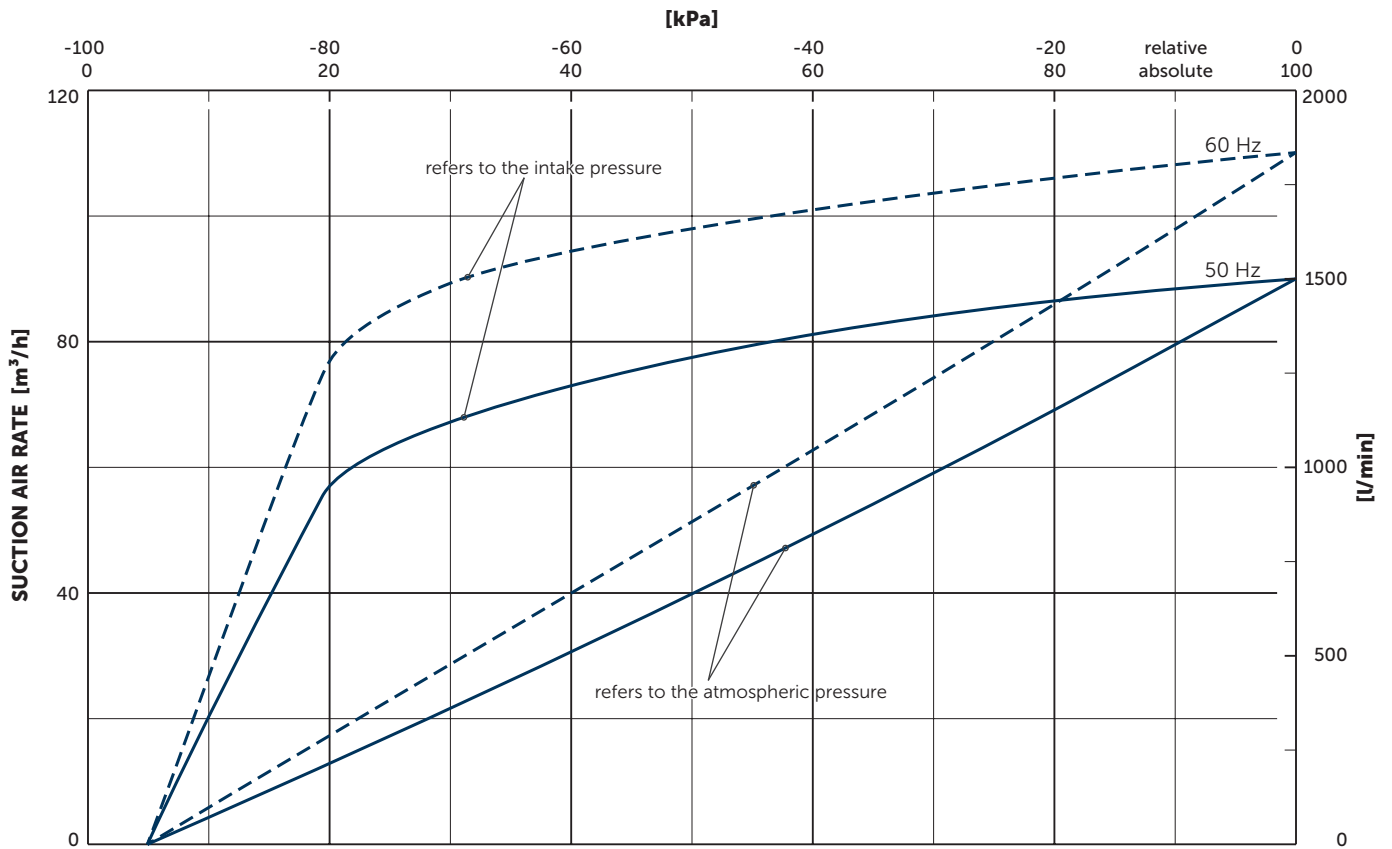


Nominal capacity		Vacuum absolute		Emission sound pressure level ¹⁾		Weight without motor
m³/h		mbar		dB(A)		kg
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
100	120	50	50	67 (600 mbar)	71 (600 mbar)	96

3~ Motors																	
#	50 Hz				60 Hz				Version	Weight kg	L mm [inch]						
	kW	V	min ⁻¹	A	kW	V	min ⁻¹	A									
01	2.2	Δ220/Y380	IE3	2850	7.82/4.52	2.2	Δ - /Y460	IE3	3490	- /3.89	UL(E104590) • CSA • CC029A IP55 • ISO F • PTC	25	768 [30.3]				
		Δ230/Y400	IE3	2870	7.71/4.43												
		Δ240/Y415	IE3	2880	7.55/4.37												
02	3.0	Δ230/Y400	IE3	2910	10.0/5.77	3.0	YY230/Y460	IE3	3525	10.0/5.01	UL(E104590) • CSA • CC029A IP55 • ISO F • PTC	37	805 [31.7]				
														Δ265/Y460	IE2	3455	7.86/4.53
														YY208/Y -	-	3508	10.8/ -
03	3.0	Δ290/Y500	IE3	2915	7.96/4.61	3.0	Δ332/Y575	IE3	3525	6.94/4.0	UL(E104590) • CSA • CC029A IP55 • ISO F • PTC	35	805 [31.7]				
04	2.2	Δ200/Y346	IE3	2905	9.48/5.48	2.64	Δ200/Y346	IE3	3455	10.2/5.92	UL(E104590) • CSA • CC029A IP55 • ISO F • PTC	29	799 [31.5]				
							Δ220/Y380	IE3	3480	9.65/5.59							
							Δ - /Y400	IE3	3490	- /5.51							

¹⁾ According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
 1 m [39.4 inch] distance, at medium load, both connection sides piped

- Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%



Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
 Tolerance: ±10%



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